

**Mail Stop PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Xin-Xing Gu and John B. Robbins**For: **LIPOLIGOSACCHARIDE-BASED VACCINE FOR PREVENTION OF MORAXELLA  
(BRANHAMELLA) CATARRHALIS INFECTIONS IN HUMANS**

Enclosed are:

(X) Application in 49 pages.

(X) 3 sheets of drawings.

**CONTINUITY INFORMATION:**

Application	Relationship	Parent App. No.	Filing Date	Status
This Application	Divisional	09/610,034	7/5/00	Pending
09/610,034	Continuation	PCT/US99/00590	1/12/99	Pending
PCT/US99/00590	benefit of priority	60/071,483	1/13/98	Expired

(X) A copy of Declaration from prior application is enclosed.

(X) Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

(X) Return prepaid postcard.

(X) Information Disclosure Statement and PTO Form 1449.

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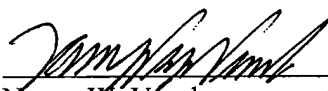
**CLAIMS AS FILED**

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<b>FOR</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	<b>FEE</b>
Basic Fee			\$770	\$770
Total Claims	38 - 20 =	18 ×	\$18	\$324
Independent Claims	8 - 3 =	5 ×	\$86	\$430
If application contains any multiple dependent claims(s), then add			\$290	\$0
<b>TOTAL FILING FEE</b>		\$1,524		

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- (X) A check in the amount of \$1,524 to cover the filing fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.
- (X) Please use Customer No. **20,995** for the correspondence address.

  
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MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No.** : NIH142.1CDV1

**Applicant(s)** : Gu et al.

**For** : LIPOOLIGOSACCHARIDE-BASED  
VACCINE FOR PREVENTION OF  
MORAXELLA (BRANHAMELLA)  
CATARRHALIS INFECTIONS IN HUMANS

**Attorney** : Nancy W. Vensko

**"Express Mail"**

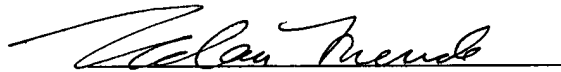
**Mailing Label No.** : EV 309082623 US

**Date of Deposit** : December 5, 2003

I hereby certify that the accompanying

Transmittal letter; Specification in 49 pages; Drawings in 3 sheets; Declaration  
and Power of Attorney in 2 pages; Information Disclosure Statement, PTO Form  
1449; Check for Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Nelson Merida

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